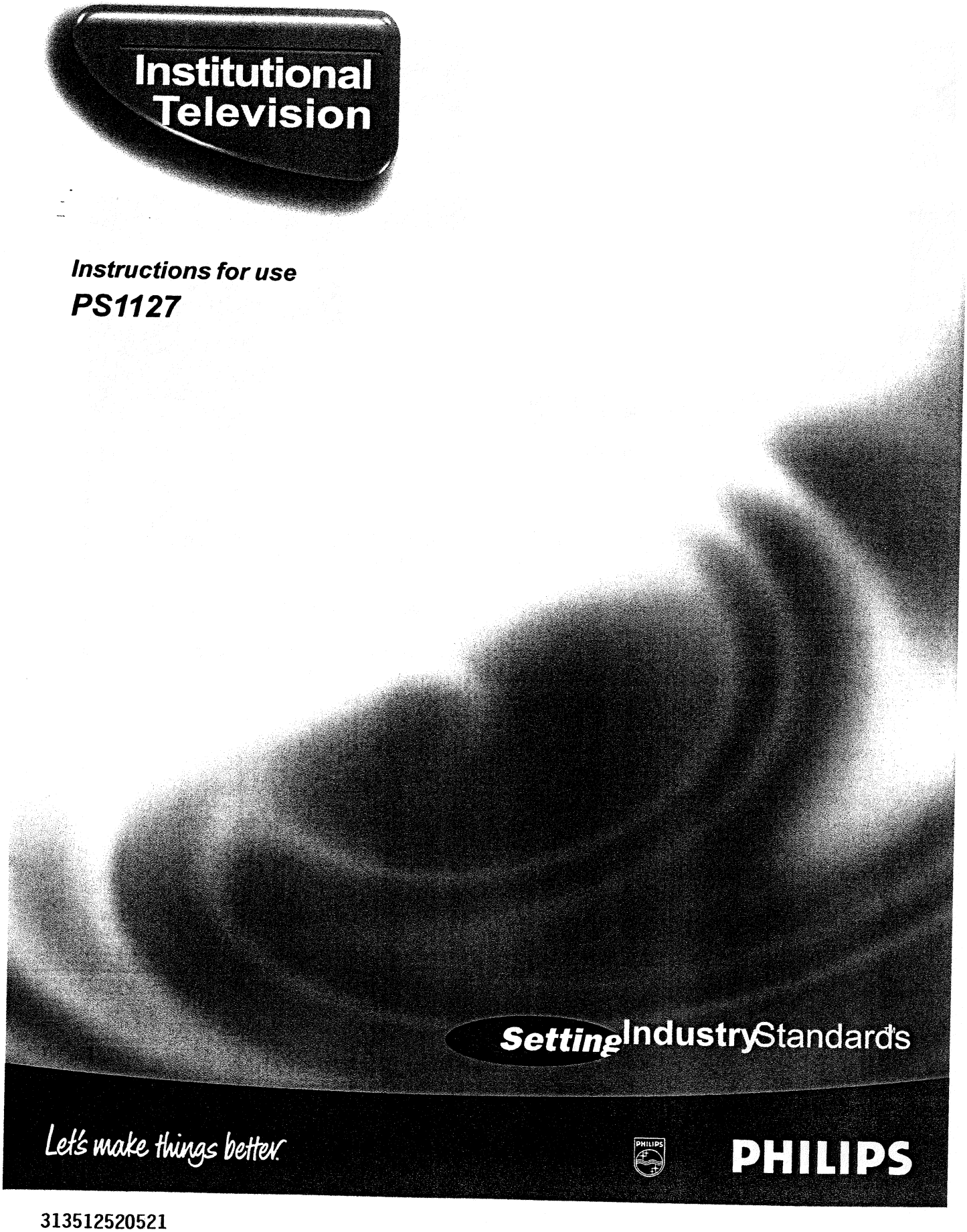
Institutional Television

Instructions for use

PS1127



Let's make things better.

PHILIPS

313512520521

PS1127

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

Once your PHILIPS purchase is registered, you're eligible to receive all the privileges of owning a PHILIPS product. So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

•Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your PHILIPS warranty.

•Owner Confirmation

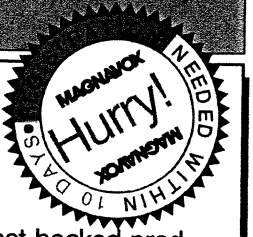
Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

•Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Congratulations on your **purchase,**
and welcome to the **"family!"**

PHILIPS



Dear PHILIPS product owner:

Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the PHILIPS "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

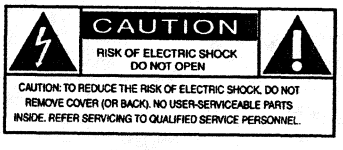
All of this is our way of saying welcome–and thanks for investing in a PHILIPS product.

Sincerely,

Lawrence J. Blanford
President and Chief Executive Officer

P.S. Remember, to get the most from your PHILIPS product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

Know these **safety** *symbols*


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

⚠ This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

⚠ The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

ATTENTION: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

PHILIPS *Visit our World Wide Web Site at http://www.philipsusa.com*

Thank you for purchasing PHILIPS PS1127 Large Screen Display.

FEATURES

- 29-inch CRT with 27-inch viewable image.
- Auto-scanning frequency of 30-48 kHz horizontally and 50-120 Hz vertically. This allows compatibility with video equipment and personal computers.
- Loud speakers 10W x 2.
- OSD controls of Contrast, Brightness, Color Temperature, Color Adjustment, OSD On/Off, Degauss for Video adjustments; Volume, Treble, Bass, Balance, Surround, Speaker for Audio adjustment; V-Size/Position and H-Size/Position for screen Size and Position adjustments; Tilt, Trapezoid, Parallelogram, Pincushion, Pincushion Balance, Top-Corner, Bottom-Corner for Geometry adjustments and Factory Reset.
- Capable to connect various multimedia and home entertainment; for example, VCR, VCD, DVD player, LD player, stereo systems, cable television, video camera or Set-Top-Box, etc.
- Dynamic Focusing Circuit for advanced clarity.
- Compatible with VGA, SVGA, VESA of PC standard signal, 1024 x 768.
- IR remote control
- Built-in microprocessor controls picture size and centering in accordance with input signals. It also memorizes the picture data.

PLEASE READ IMPORTANT SAFETY FEATURES AND INSTRUCTIONS THOROUGHLY BEFORE USAGE.

Contents

1 PACKAGE CONTENTS 5

2 INSTALLATION AND PREPARATION 5

2.1 REAR PANEL CONNECTION 5

2.2 USA POWER CORD CONNECTORS 7

2.3 EUROPE POWER CORD CONNECTORS 7

2.4 FRONT PANEL BUTTONS & CONNECTORS 8

3 REMOTE CONTROL KEYS 9

4 OSD CONTROLS 11

4.1 MAIN MENU 11

4.2 VIDEO 12

4.3 AUDIO 13

4.4 SIZE AND POSITION 13

4.5 GEOMETRY 14

4.6 FACTORY RESET 15

4.7 EXIT 15

5 PC MODE MENU QUICK GLANCE 16

6 POWER CONSUMPTION 17

7 PRESET MODES 17

8 SPECIFICATIONS 18

9 SAFETY INFORMATION 19

10 WARRANTY INFORMATION 24

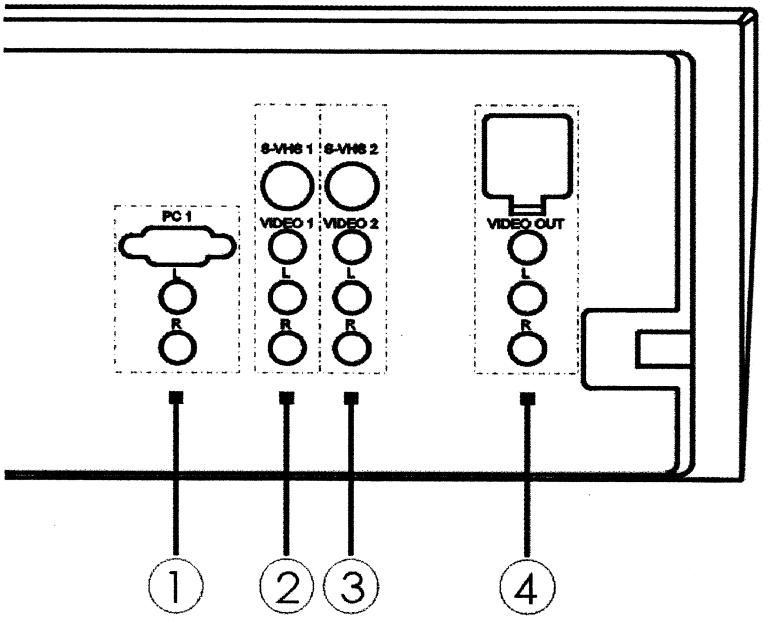
1 Package contents

Check that 5 items are present and in good condition:

1. PHILIPS PS1127 Large Screen Display (with attached power cord)
2. Remote control
3. 2 AAA batteries
4. 15-pin video signal cable
5. User manual

2 Installation and Preparation

2.1 Rear Panel Connection



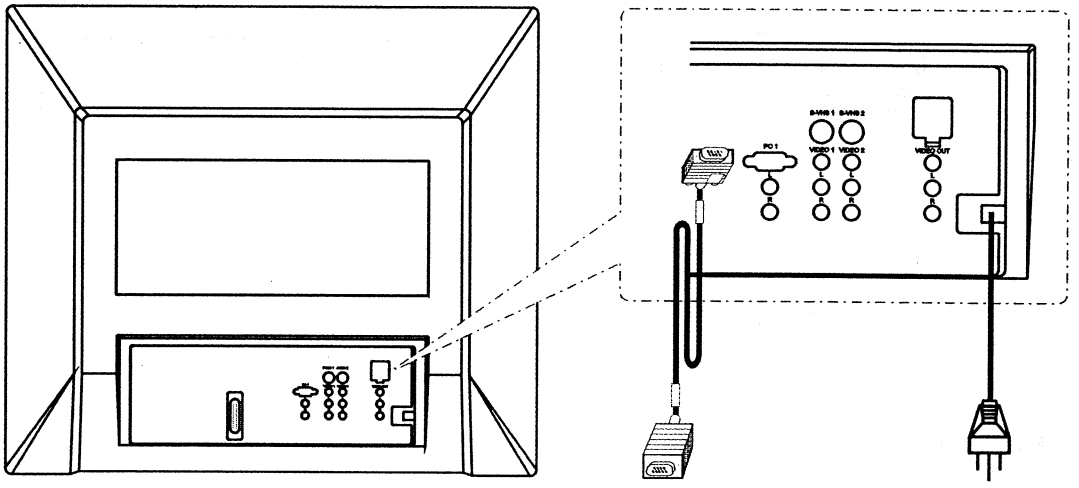
①	**PC 1:**	Connect the 15-pin video signal cable to your PC system.
	L/R audio:	Connect to PC, Internet / Intranet with audio signal.
②	**S-VHS-1:**	Connect to equipment such as VCR, DVD, VCD, LD, camcorder, TV game with a s-video signal cable.
	VIDEO 1:	Connect to a device such as TV Game, CATV, VCR, DVD, VCD, LD, camcorder, etc..
	L/R audio jacks:	Connect to CD player or audio system.

Note: *If both S-VHS-1 and VIDEO 1 are occupied, the monitor will select the output to S-VHS-1 connection for better picture quality.*

③	**S-VHS-2:**	Function as S-VHS-1
	VIDEO 2:	Function as VIDEO 1
	L/R audio jacks:	Connect to audio system.
④	**VIDEO out:**	Connect to VCR with video signal.
	L /R out:	Connect to VCR with audio signal.

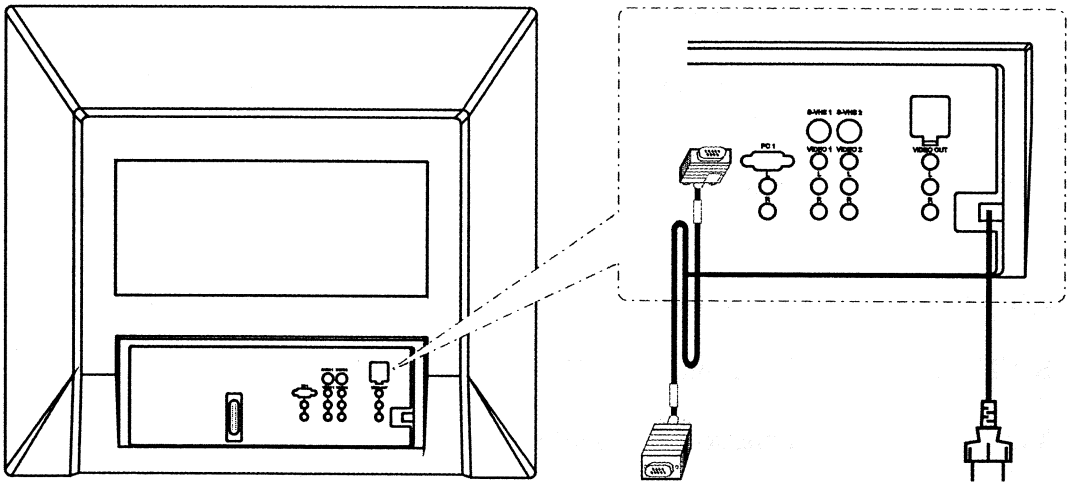
2.2 USA power cord connectors

For USA area, connect the 15-pin video signal cable to the PC 1 jack. Plug the power cord to the power outlet.

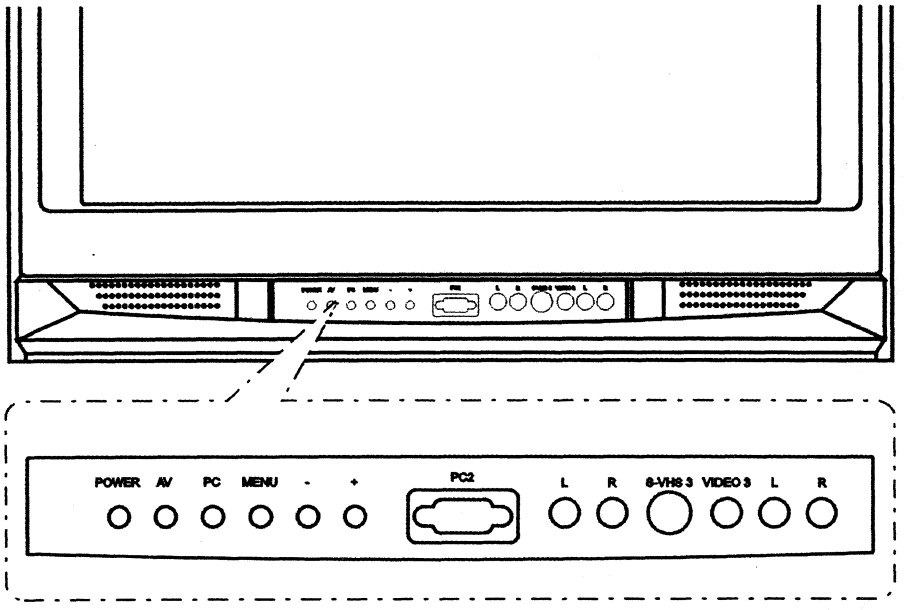


2.3 EUROPE power cord connectors

For Europe power area, connect the 15-pin video signal cable to the PC 1 jack. Plug the power cord to the power outlet.



2.4 FRONT PANEL buttons & connectors



POWER: To switch the power ON/OFF.

AV: To select the video source among TV/AV1/AV2/AV3.

PC: To select the input source among PC1/PC2.

MENU: To activate the main menu; select or execute a function.

−: To move the highlighted bar down or decrease the value of a parameter.

+: To move the highlighted bar up or increase the value of a parameter.

PC2: The 2nd source of PC input connection. It is connected by 15-pin video cable to your PC..

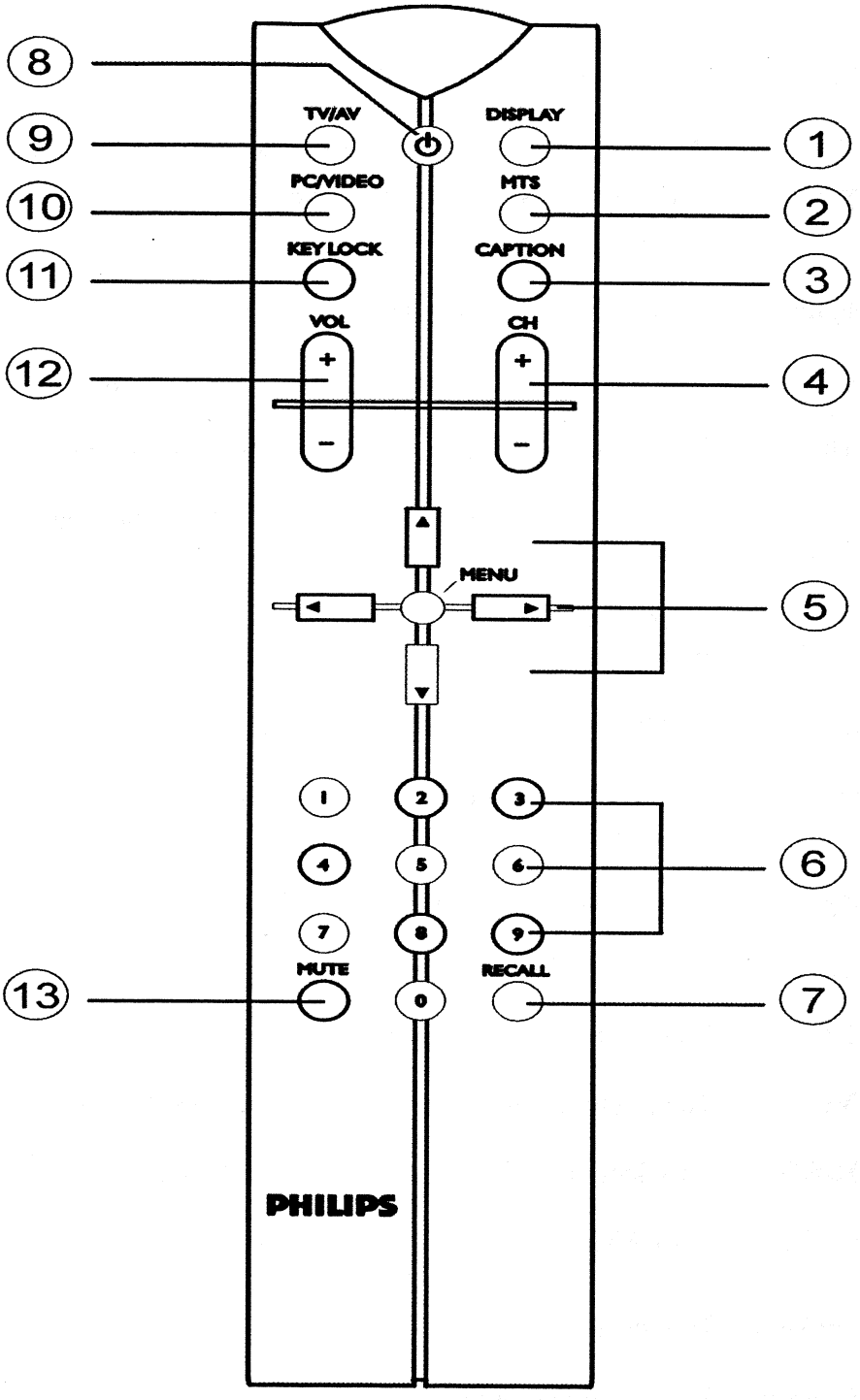
L/R audio: To connect to PC, Internet/ Intranet with audio signal cable.

S-VHS-3: Function as S-VHS-1

VIDEO 3: Function as VIDEO 1

L/R audio To connect to AV system.

3 Remote control keys


8
9
10
11
12
TV/AV
DISPLAY
PC/VIDEO
MTS
KEY LOCK
CAPTION
VOL
CH
+
-
MENU
1
2
3
4
5
6
7
8
9
0
MUTE
RECALL
13
1
2
3
4
5
6
7
PHILIPS

① **DISPLAY:** To show the message of the setting mode.

② **MTS key:** To select multi-audio mode from MAIN/SAP/DUAL.

③ **CAPTION:** To select closed caption from OFF/CC1/CC2/CC3 /CC4/T1/T2.

④ **CH (+) key:** To scroll up the channels; for next channel.

CH (-) key: To scroll down the channels; for preceding channel.

⑤ **MENU:** To activate the main menu; select or execute a function.

σ key: To move the highlighted bar up or increases the value of a parameter.

τ key: To move the highlighted bar down or decreases the value of a parameter.

▶ key: To increase the value of a parameter or go to the next menu.

◀ key: To decrease the value of a parameter or go back to the previous menu.

⑥ **0--9 keys:** Number keys to select TV channels directly.

⑦ **RECALL:** To jump to the last viewing channel.

⑧ **POWER:** To switch the power ON/OFF.

⑨ **TV/AV:** To select the video source from TV/AV1/AV2/AV3.

⑩ **PC/VIDEO:** To select the input source from Video/PC1/PC2.

⑪ **KEYLOCK :** For PANEL BUTTON lock / unlock

⑫ **VOL (+) key:** To increase volume.

VOL (-) key: To decrease volume.

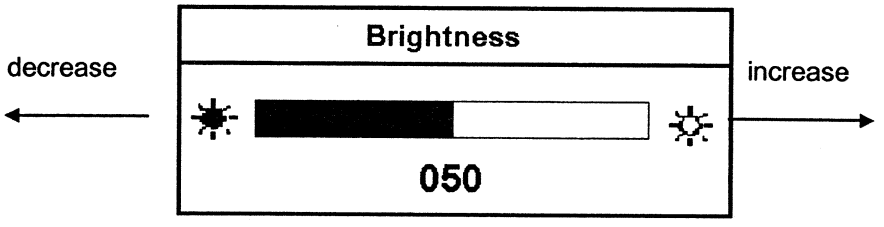
⑬ **MUTE:** To switch audio to the mute mode.

***Note**: Install two AAA batteries into the compartment using correct polarity (+,-).*

4 OSD controls

This screen adjustment tool offers user-friendly functions for setting adjustment. Users can make necessary changes to the pre-set resolutions. Settings will be automatically saved and recalled each time a display mode is altered.

Basic operation:



Step **1**: Press MENU key to go to the main menu.

Step **2**: Use σ/τ or ◀ / ▶ key on the remote control to adjust parameters.

Use "+" or "-" key on the control panel to adjust parameters.

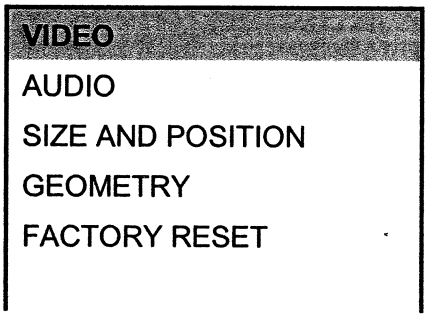
Step **3**: Press MENU key to return to the previous menu.

Note: *1. Use* ◀ or ▶ *key to navigate through pages (page-up or page-down) while you are not in the adjusting bar menu.*

2. Move the highlighted bar to RETURN and press MENU to go back to the previous menu.

4.1 MAIN MENU

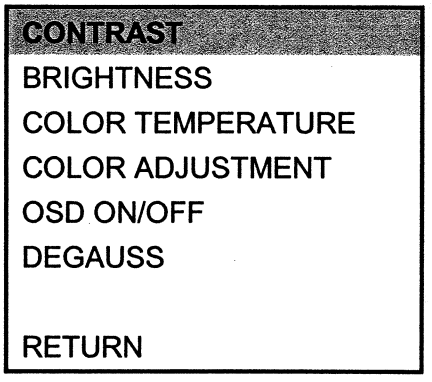
Press MENU key to display the main menu. Use▲ or ▼ key to move up and down the highlighted bar to select an option and press **MENU** to choose it.



EXIT

4.2 VIDEO

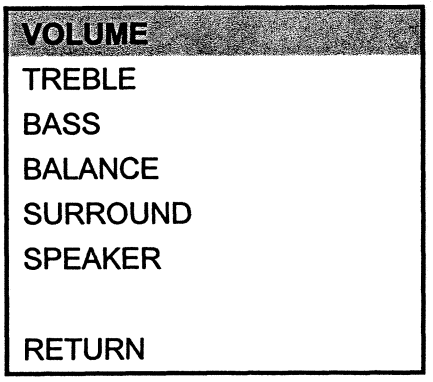
The function adjusts the video image of the screen.



Functions	−	+	Description
Contrast			To adjust the image contrast in relation to the background
Brightness			To control the black level of picture.
Color Temperature	**9300K** **6500K** **USER COLOR 1** **USER COLOR 2**		To choose a preset color or a user set color mode.
Color Adjustment	**R** **G** **B** **Reset**		To increase or decrease the intensity of Red, Green or Blue color or reset to the preset color of 9300K/6500K.
OSD ON/OFF	**ON**	**OFF**	To activate or disable the preset mode to show on the screen whenever the monitor is power on or receiving a signal.
Degauss	**ON**	**OFF**	To demagnetize the monitor and correct color impurity caused by external magnetic field.

4.3 AUDIO

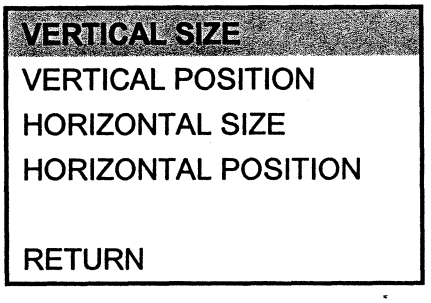
The function adjusts the audio sound of the display. Options include Treble, Bass, Balance, Surround and Speaker.



Functions	−	+	Description
Volume			To adjust the sound volume for audio.
Treble			To adjust high pitch tone of sound.
Bass			To adjust low pitch tone of sound.
Balance			To control volumes between left and right stereo amplifiers.
Surround	OFF MOVIE MUSIC PSEUDO		To select sound effects: Movie and Music are Stereo sources, while Pseudo is a simulated sound for monaural source.
Speaker	ON/OFF		To turn speaker on/off.

4.4 SIZE AND POSITION

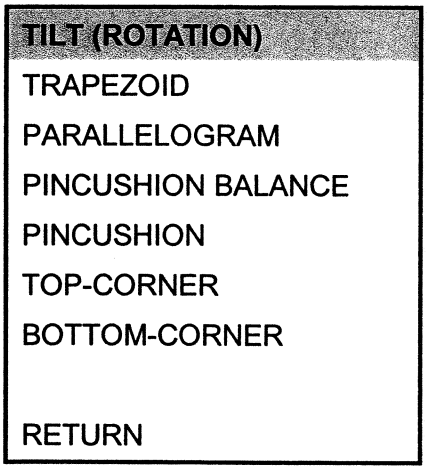
This function adjusts the size and position of the screen image, such as vertical size/position and horizontal size/position.

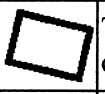


Functions	−	+	Description
Vertical size			To increase or decrease the display size vertically.
Vertical position			To move the display position up or down.
Horizontal size			To increase or decrease the display size horizontally.
Horizontal position			To move the display position left or right.

4.5 GEOMETRY

The function adjusts the geometric screen image, including tilt, pincushion and trapezoid.



Functions	−	+	Description
Tilt			To rotate image clockwise or counter clockwise.
Trapezoid			To minimize trapezoid distortion of the screen.
Parallelogram			To adjust the parallelogram of the screen.
Pincushion			To curve left and right sides of the screen inward or outward.
Pincushion Balance			To adjust the concavity of the screen.
Top - Corner			To curve the top corner of the screen.
Bottom - corner			To curve the bottom corner of the screen.

4.6 FACTORY RESET

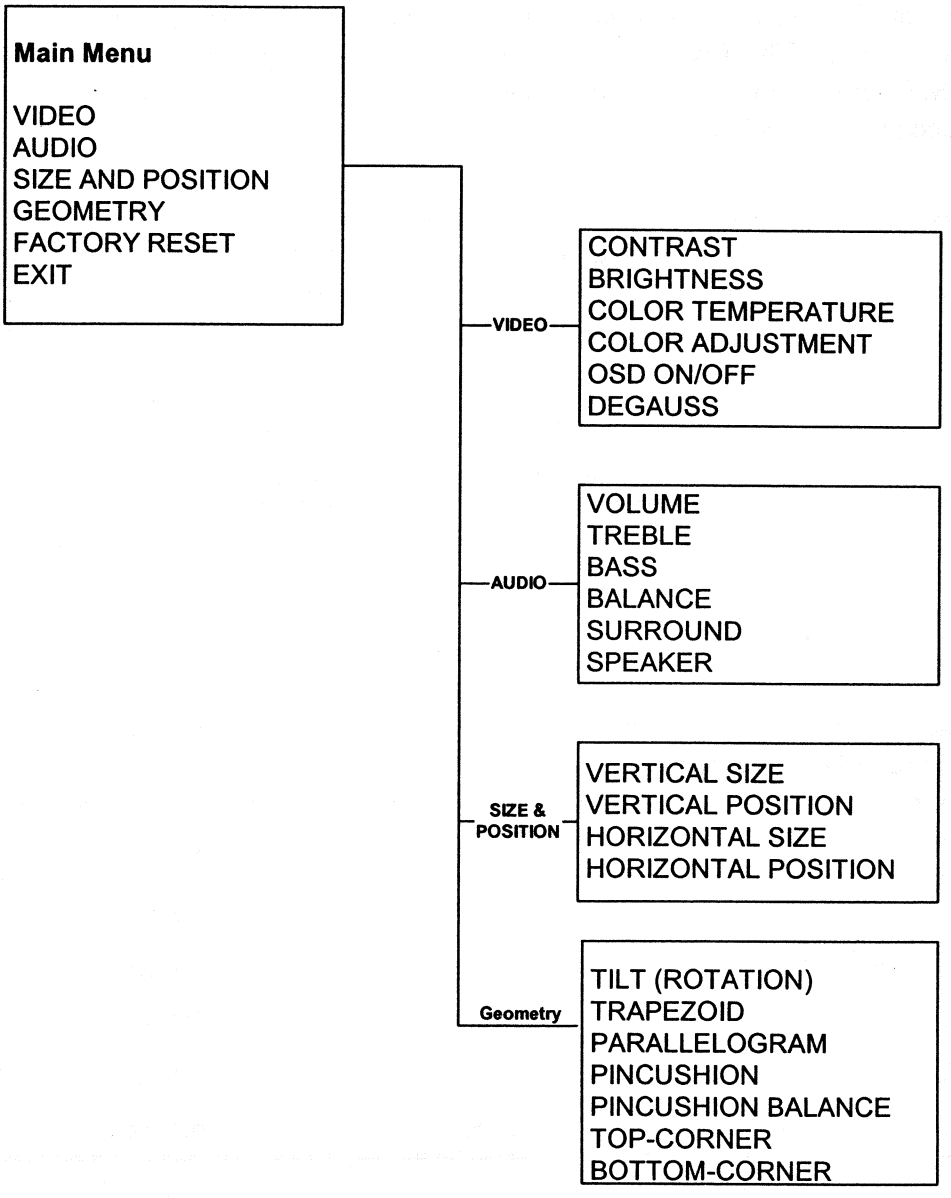
The function resets the on-screen parameters to its factory settings.

4.7 EXIT

Quit the OSD menu.

5 PC mode menu quick glance

The following flowchart summarizes the OSD procedure for this monitor.



6 Power Consumption

The monitor comes with a power-saving feature that controls the power consumption of the monitor; therefore, you may put the monitor into a reduced power consumption mode when it is not in use. This feature complies with EPA's Energy Star requirements. It conforms to DPMS power-down signaling method approved by Video Electronics Standard Association (VESA).

Mode	H-Sync	V-Sync	Power Consumption
Normal	Active	Active	250W
Stand-by	Active	Inactive	15W
Suspend	Inactive	Active	15W
OFF	Inactive	Inactive	8W

7 Preset modes

Preset modes are standard timings pre-set by the factory. This monitor contains 5 preset modes and 18 user modes.

Preset mode	F_H	F_V
VGA 640 x 480	31.5K	60 Hz
VESA 640 x 480	37.5K	75 Hz
VGA 720 x 400	31.5K	70 Hz
SVGA 800 x 600	37.8K	60 Hz
XGA 1024 x 768	48.3K	60 Hz

8 Specifications

CRT/Viewable image	29" /27"
Strip trio pitch	0.68 mm (center)
Max. resolution	1024 x 768
Face glass	Flat Clear
Input signal	VIDEO input: NTSC, PAL, Standard signal, RGB analog signal PC Input: VGA / SVGA/XGA Standard
Scanning frequency	Horizontal multi-frequency: 30 to 48 kHz Vertical frequency: 50 to 120 Hz
Display area	540mm x 405mm
Audio	Loud speakers: 10W x 2 (RMS) Smart surround control Volume control Balance control Bass/Treble control
Connectors	S-Video x 1 front and x 2 rear A/V-in x 1 front and x 2 rear A/V-out x 1 rear 15-pin D-sub x 1 front and x 1 rear Audio-in for PC sound card x 1 front and x 1 rear
Front panel controls	POWER, MENU, +/- , VOL/CH , INPUT
Infrared remote control unit	TV/AV, PC/Video, Key Lock., VOL +/-, Display, MTS, Caption, CH +/-, Arrow keys, Menu, Number keys, Mute and Recall.
OSD controls	Brightness, Contrast, Color Temperature, Color Adjustment, OSD On/OFF, Degauss, Volume, Treble, Bass, Balance, Speaker, V-Size, H-Size, V-Position, H-Position, Pincushion, Pincushion Balance, Tilt, Parallelogram, Trapezoid, Top/Bottom- Corner
Power input	90 - 132 VAC, 60 Hz 180 - 260 VAC, 50 Hz

Power consumption	Operating maximum:	250 W
	Standby mode:	15 W
Safety Regulations	UL, CUL	
EMI	FCC Class B, CE, C-Tick, BCIQ	
Dimension	780mm(L) x 597mm(H) x 520mm(D)	
Weight	approx. 51 kg	

NOTICE:
DUE TO OUR POLICY OF CONTINUOUS PRODUCT IMPROVEMENT, THE SPECIFICATIONS ABOVE ARE SUBJECT TO CHANGES WITHOUT NOTICE. WE SHALL NOT BE LIABLE FOR TECHNICAL OR EDITORIAL ERRORS OR OMISSIONS CONTAINED HEREIN; NOR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER RESULTING FROM FURNISHING, PERFORMANCE OR USAGE OF THIS MATERIAL.

9 Important Safety Information

1. Read all of these instructions.
2. Save these instructions for later use.
3. Follow all warnings and instructions marked on the product.
4. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
5. Do not use this product near water.
6. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
7. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to ensure reliable operation of the product, and to protect it from overheating; these openings must not be blocked or covered.

   The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
8. This product should be operated from the type of power source indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
9. This product is equipped with a three-wire grounding type plug, a plug having a third

(grounding) pin. This plug will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounding-type plug.

10. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.

11. If an extension cord is used with this product, make sure that the total ampere ratings on the products plugged into the extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the wall outlet does not exceed 15 amperes.

12. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

13. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to service personnel.

14. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power cord or plug is damaged or frayed.
- If liquid has been spilled into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the product has been dropped or the cabinet has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.

15. Pulling the power supply cord will disconnect the device, the socket-outlet shall be installed near the equipment and shall be easily accessible. Always disconnect power supply cord before servicing.

16. Do not plug in the power source before the tilt and swivel base is installed.

Power Cord Requirements

The power cord set used with the monitor (AC adapter) must meet the requirements of the country where you use the monitor (AC adapter), whether it is 100-120 or 200-240 VAC.

The following information explains the requirements for power cord set selection.

- The cord set must be approved for the country in which it is used.
- The appliance coupler (that is, the connector to the device itself, not the wall plug) must have a configuration for mating with a CEE22/EN60320/IEC 320 appliance inlet (Standard Sheet C14).

U.S. and Canada

1. The cord set must be UL Listed and CSA Certified.
2. The minimum specifications for the flexible cord are:
   - No. 18 AWG
   - Type SV or SJ or SJT
   - 3-conductor
3. The attachment plug must be an earth-grounding type with a NEMA 5-15P (15A, 125V) or NEMA 6-15P (15A, 250V) configuration.

Japan

All components of the cord set (cord, receptacle, and plug) must bear a "T" mark and registration number in accordance with the Japanese Dentori Law.

The minimum specifications for the flexible cord are:

- .75mm^2 conductors
- Type VCT or VCTF
- 3-conductor

The attachment plug must be a two-pole, earth-grounding type with a Japanese Industrial Standard C8303(15A, 125V) configuration.

Other Countries

1. The cord set fittings must bear the certification mark of the agency responsible for

evaluation in a specific country. Acceptable agencies include:

BSI (United Kingdom)	NEMKO (Norway)
CEBEC (Belgium)	OVE (Austria)
DEMKO (Denmark)	SEMKO (Sweden)
EANSW (Australia)	SEV (Switzerland)
SETI (Finland)	UTE (France)
IMQ (Italy)	VDE (Germany)
KEMA (The Netherlands)	

2. The flexible cord must be of a HAR (harmonized) type H05VV-F 3-conductor cord with a minimum conductor size of .03 square inches (1.0 square millimeter).
3. The cord set must have a current capacity of a least 10 Amperes and a nominal voltage rating of 125 or 250 VAC.

FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.

Use only shielded cables to connect I/O device to this equipment.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

DOC COMPLIANCE NOTICE

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

9.1 DOC Avis de conformation

Le présent appareil numérique n'émet pas de bruits radioélectriques ne dépassant pas les limites applicables aux appareils numériques de la Classe B prescrites dans le règlement sur le brouillage radioélectrique dicté par le Ministère des Communications du Canada.

CE MARKING

Your monitor is compliant to the related European standards including:

- Emission: EN 55022, EN 60555-2, EN 61000-3-3.
- Immunity: EN 50082-1 (IEC801-2, IEC 801-3, IEC 801-4).

Safety: EN 60950 [Low-Voltage Directive (73/23/EEC)

PS1127

LIMITED WARRANTY

CRT MONITOR

One Year Free Labor

One Year Free Service on Parts (Two Years Free Service on Color Picture Tube)

This product can be repaired in-home.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. For one year thereafter, all parts will be repaired or replaced, and labor is free. From one to two years from the day of purchase, you pay for the replacement or repair of all parts except the picture tube, and for all labor charges. After two years from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges. All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SUREYOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Contact a Philips factory service center (see enclosed list) or authorized service center to arrange repair.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...

Please contact Philips at:

1-800-661-6162 (French Speaking)
1-800-363-7278 (English Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips Service Company, P.O. Box 2976, Longview, TX 75606, (903) 242-4800

313512520521